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Listing of Claims:

Claims 1 - 25 previously cancelled without prejudice

26. (currently amended) A vehicular vision system, comprising:

an image sensor and a light source, said light source is configured to emit light rays in the non-visible spectrum to illuminate objects within a scene external to a controlled vehicle beyond an exterior surface of a windshield, wherein said light source is configured to operate in synchronous relationship with acquisition of images from said image sensor, the vision system comprising a means forbeing capable of distinguishing vehicular light source from non-vehicular light sourcesreflections from self-luminous objects.

27. (original) A vehicular vision system as in claim 26 configured for use in an apparatus selected from the group comprising; rear vision, collision avoidance, obstacle detection, adaptive cruise control, rain sensing, exterior light control, and lane departure warning.

Claims 28 – 31 previously cancelled without prejudice

32. (original) A vehicular vision system as in claim 26 wherein said light source is a broadband emitter having a visible light ray blocking filter.

33. (original) A vehicular vision system as in claim 26 wherein said light source is a narrow hand emitter

34. (original) A vehicular vision system as in claim 33 wherein said light source comprising at least one light emitting diode.

35. (original) A vehicular vision system as in claim 34 wherein said light source emits light rays in the range from approximately 780nm to approximately 1100nm.

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36. (original) A vehicular vision system as in claim 34 wherein said light source is pulsed with momentary energy levels that exceed a one hundred percent duty cycle level.

37. (original) A vehicular vision system as in claim 26 wherein said image sensor further comprising a narrow band pass spectral filter.

38. (original) A vehicular vision system as in claim 37 wherein said spectral filter is placed between said scene and said image sensor.

Claims 39 - 40 cancelled without prejudice

41. (original) A vehicular vision system as in claim 26 wherein said light source is a near infrared laser

42. (original) A vehicular vision system as in claim 26 further comprising an AC ballast.

43. (original) A vehicular vision system as in claim 42 wherein said AC ballast is configured to synchronously strike an arc with high intensity when an image is acquired from said image sensor

44. (original) A vehicular vision system as in claim 37 wherein said band pass spectral filter is selected from the group comprising: a movable shutter, a visible light absorbing LCD, an electrochromic filter and a suspended particle device.

45. (original) A vehicular vision system as in claim 26 configured for use in an apparatus selected from the group comprising: rear vision, collision avoidance, obstacle detection, adaptive cruise control, rain sensing, exterior light control, and lane departure warning.

46. (original) A vehicular vision system as in claim 26 further comprising a spectral filter located between said image sensor and the scene, wherein said spectral filter is configured to Applicants : Joseph S. Stam et al. Appln. No. : 10/615,317 Page : 4

substantially block light rays other than the predominant spectral band of light rays emitted by said light source.

Claims 47 - 60 previously cancelled without prejudice